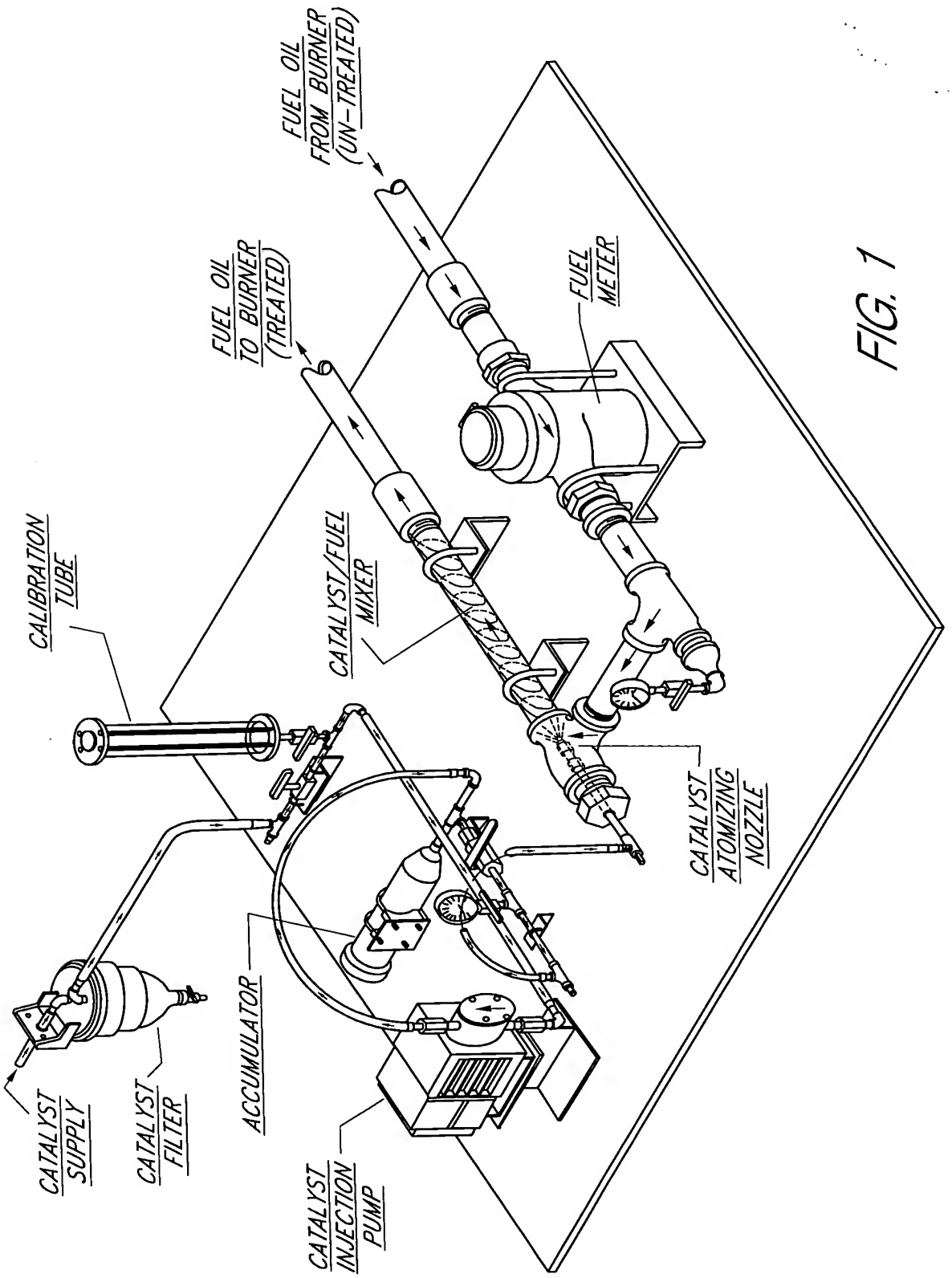


FIG. 1

20020046604 - 20020421

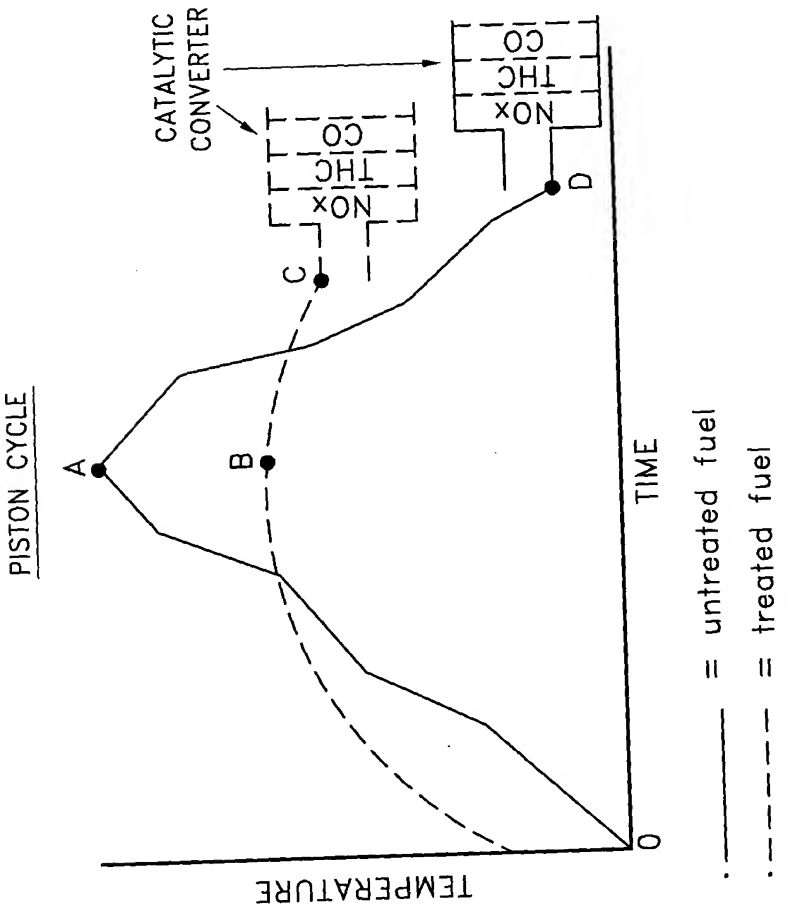

CATALYTIC CONVERTER
NOx
THC
CO
NOx
THC
CO
A
B
C
D
PISTON CYCLE
TIME
TEMPERATURE
0
= untreated fuel
= treated fuel

FIG. 2

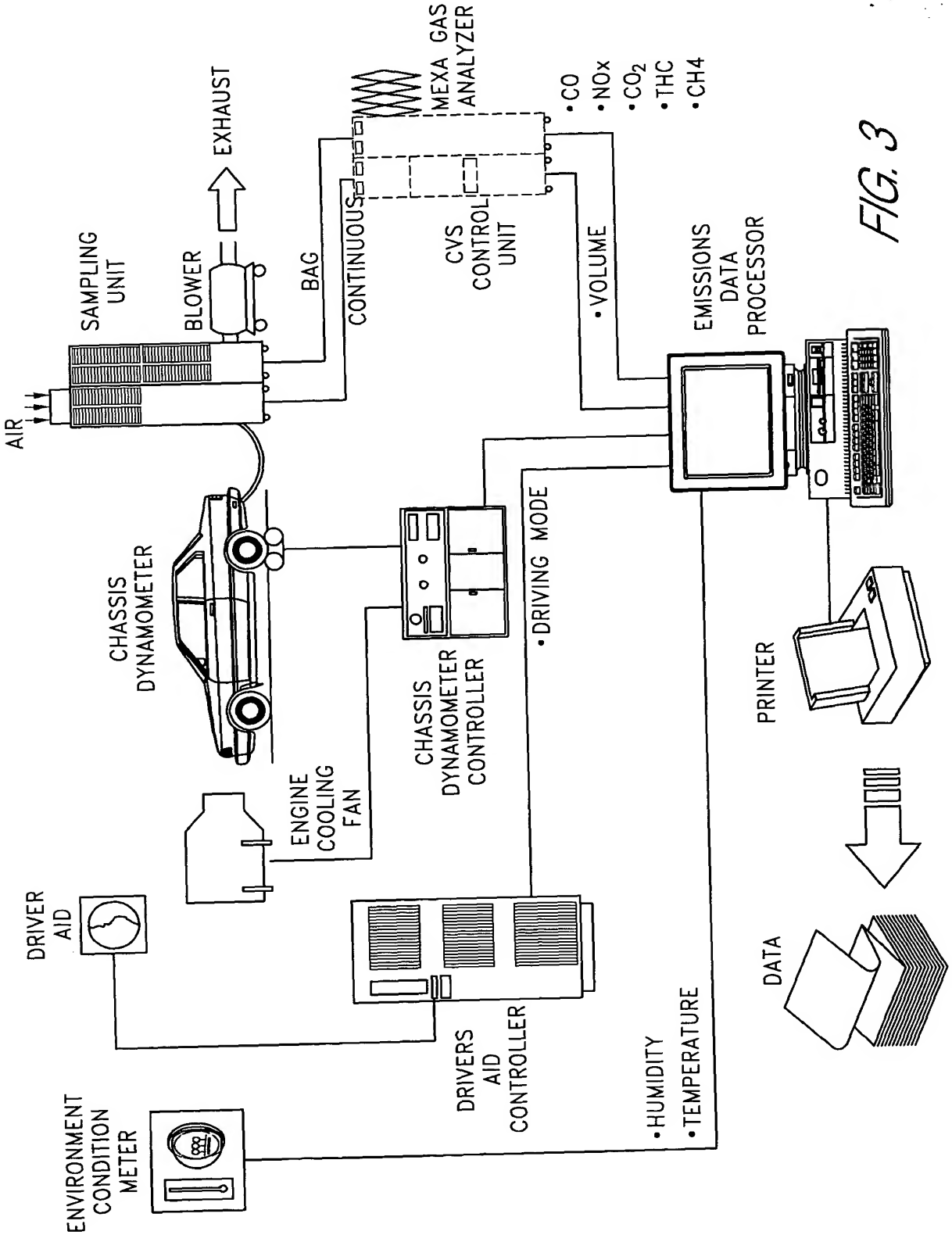
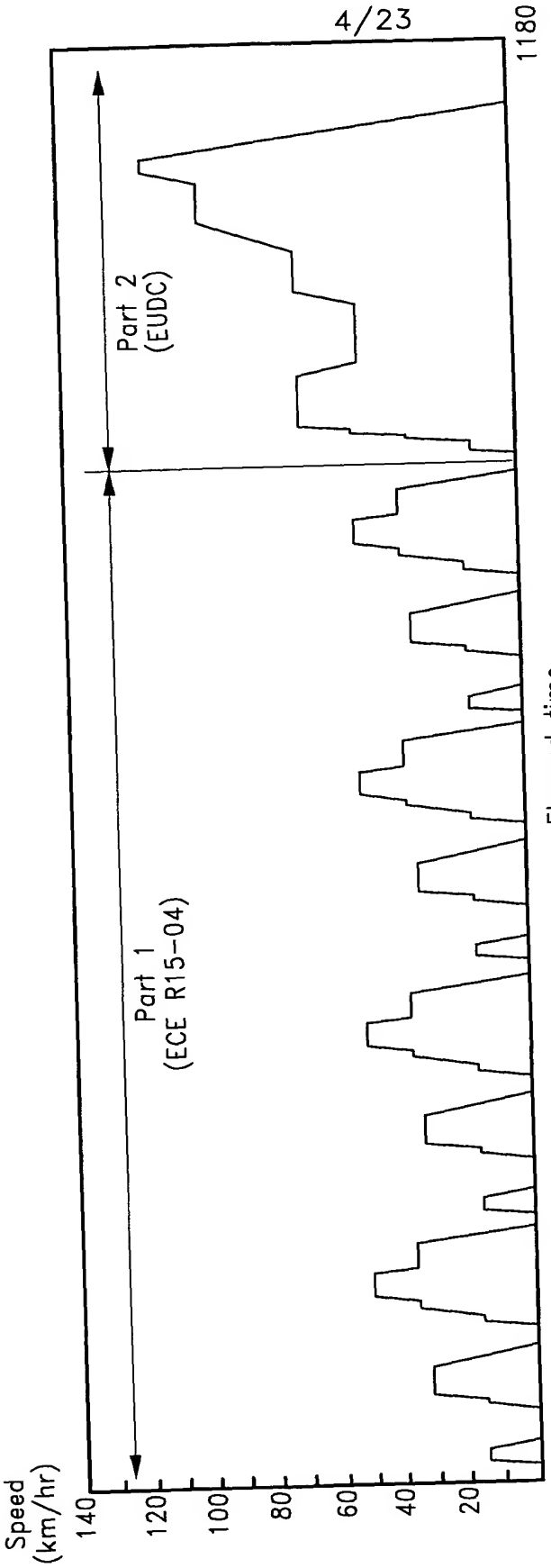


FIG. 3

20020120403A1



Characteristic	
Total duration (sec)	1180
Total distance (km)	11.007
Max. speed (km/hr)	120

FIG. 4

20030204807

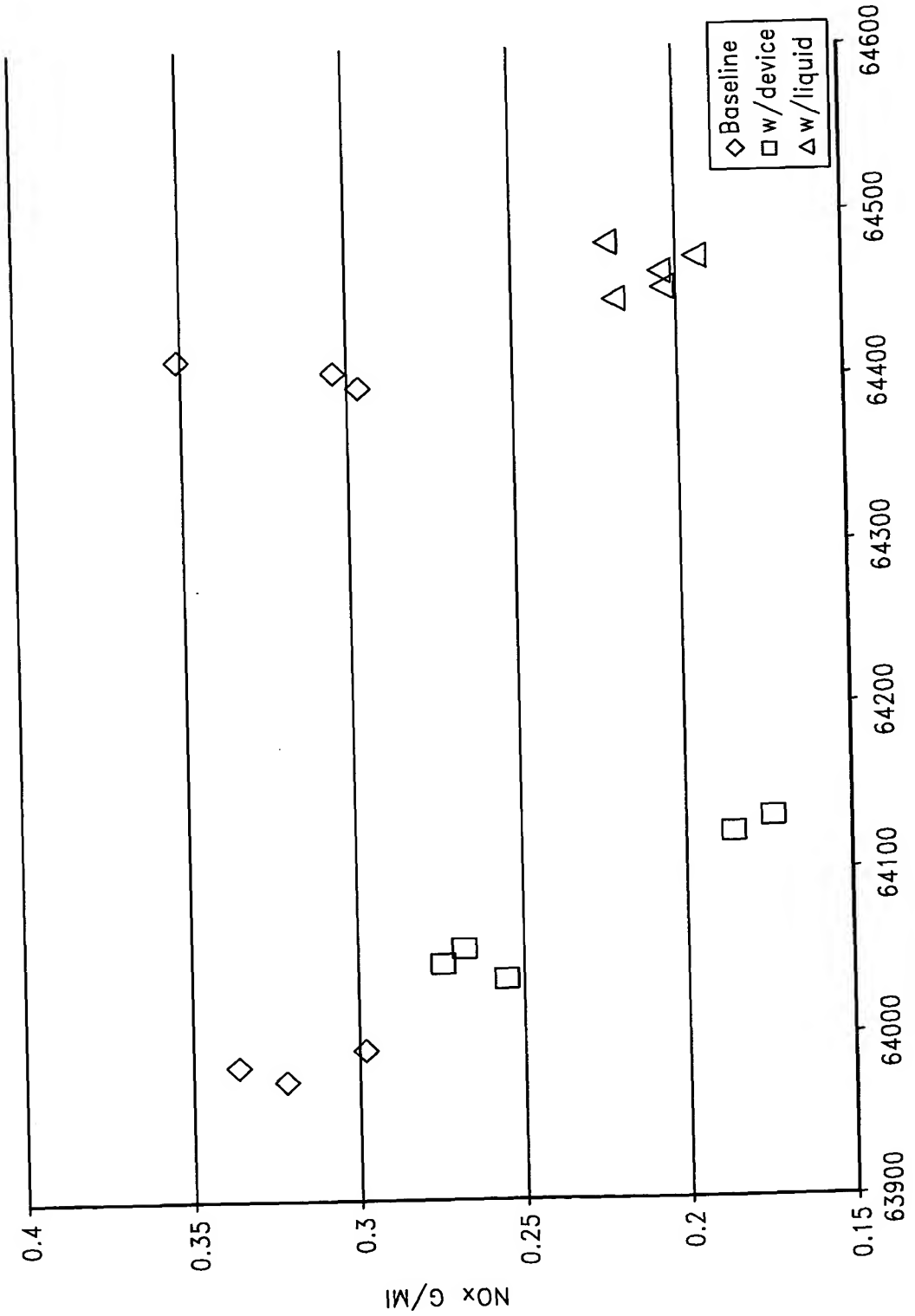

◇Baseline
□ w/device
△ w/liquid
NOx G/MI
0.4
0.35
0.3
0.25
0.2
0.15
63900
64000
64100
64200
64300
64400
64500
64600
ODOMETER

FIG. 5

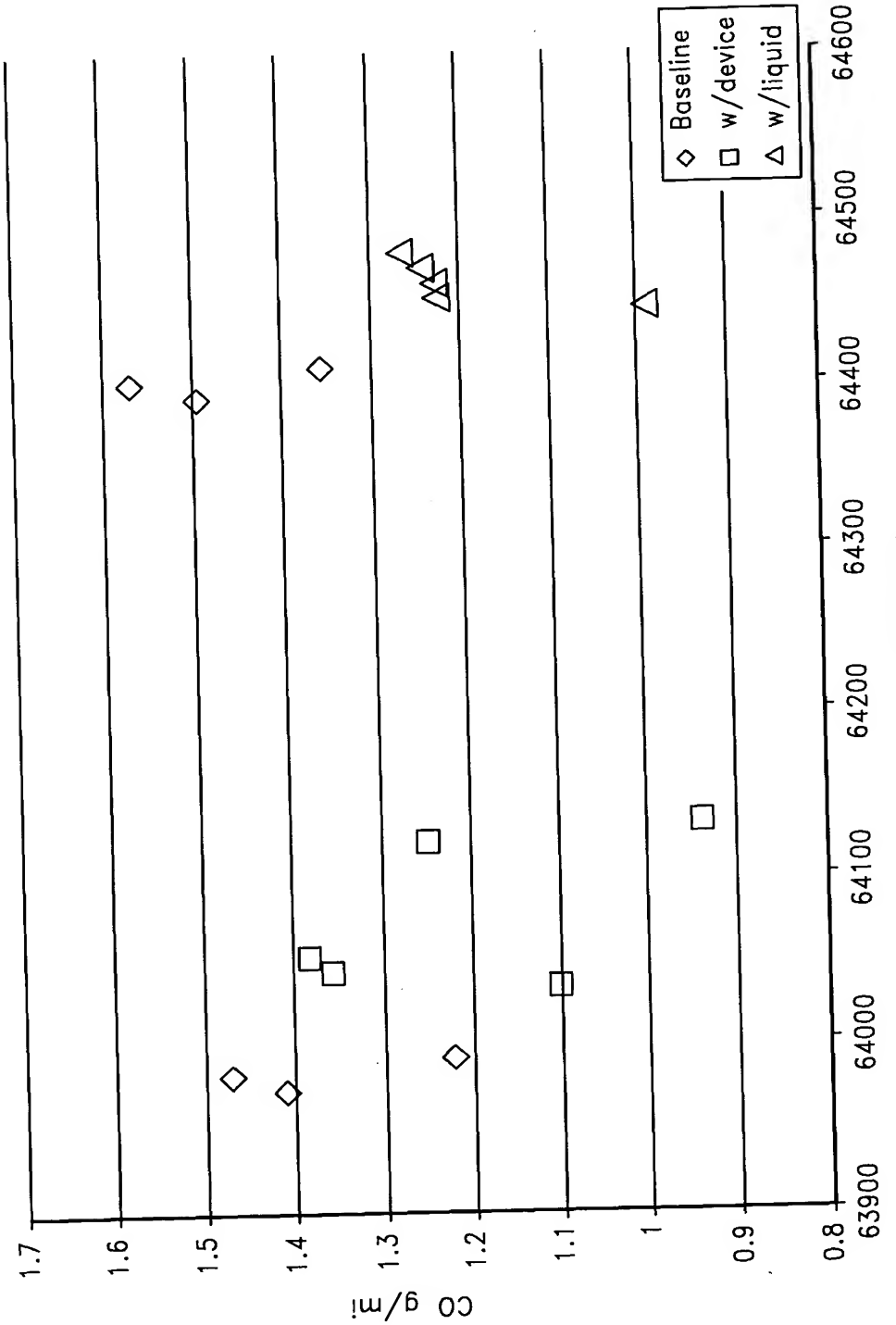


FIG. 6

20020730 TO 20040204

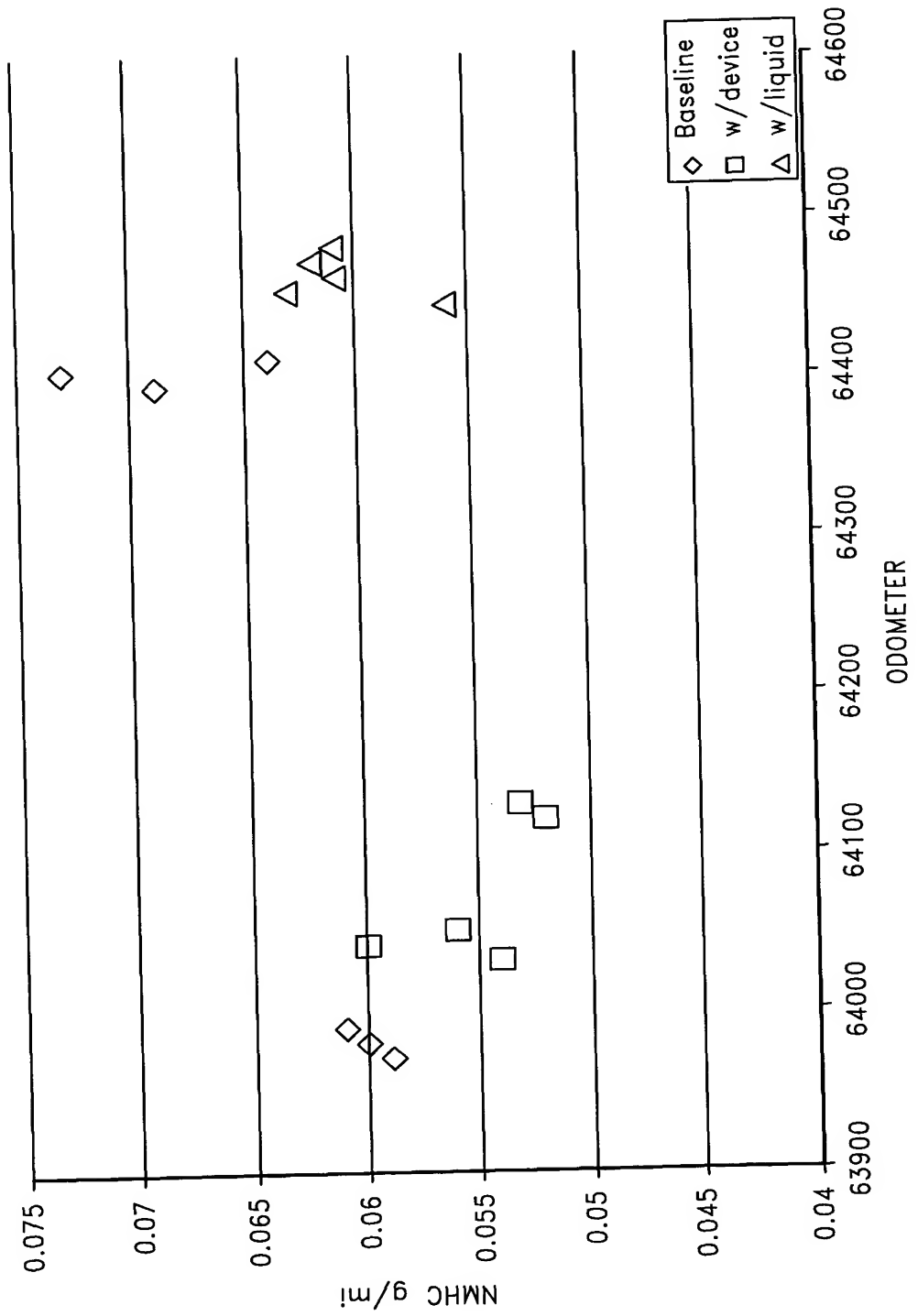


FIG. 7

20030194602 "09/19/2003"

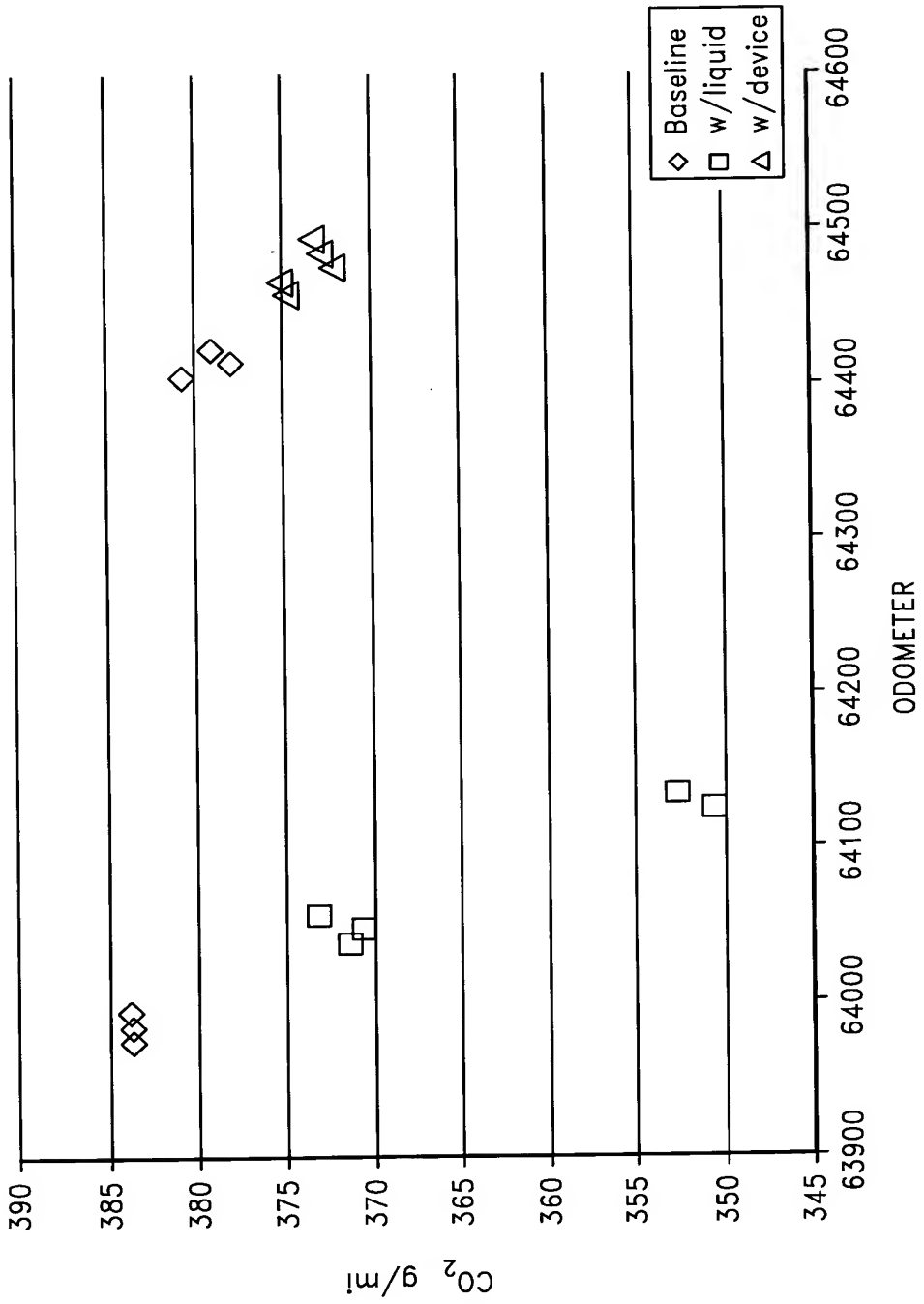


FIG. 8

20020620-P04800T

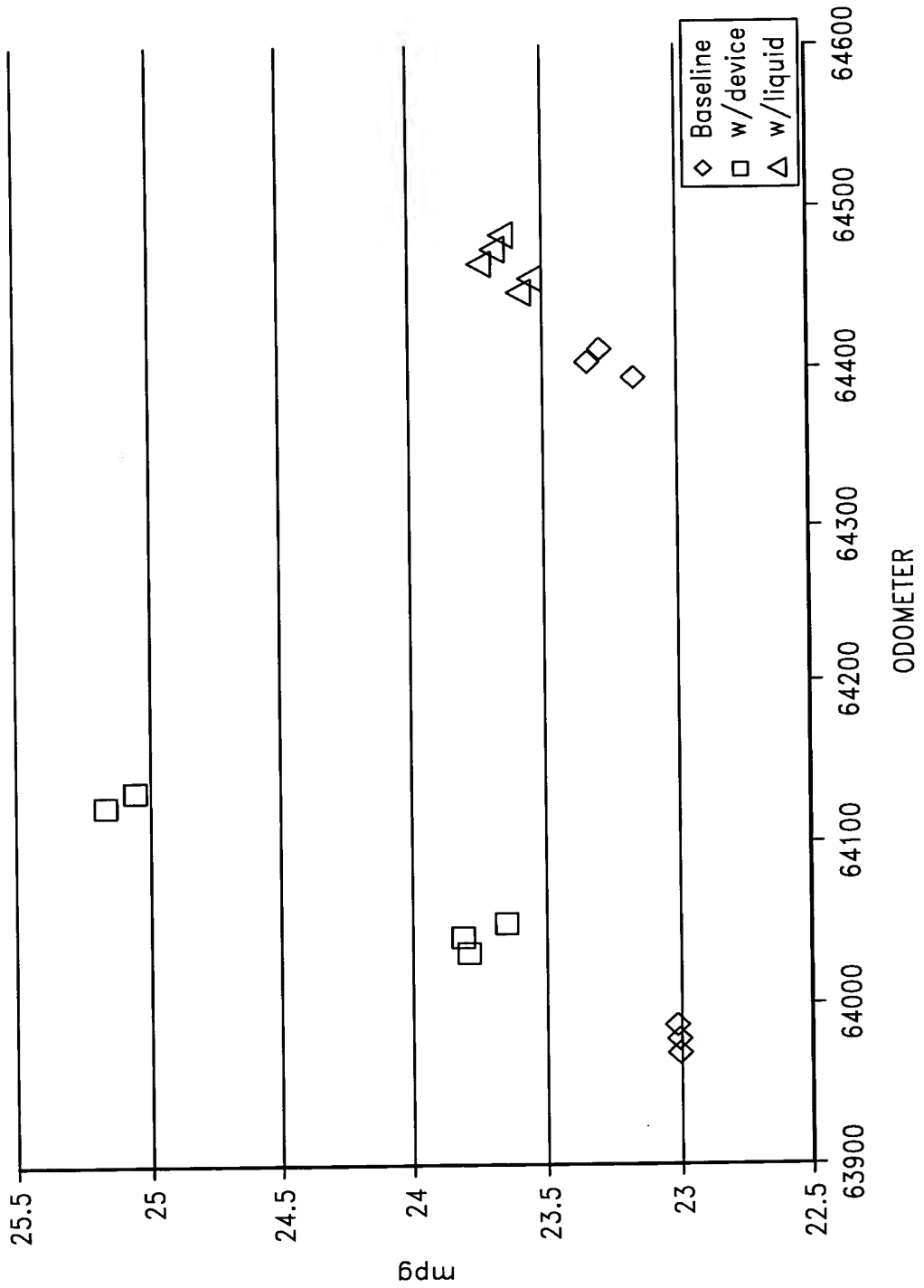


FIG. 9

20020904.T0548007

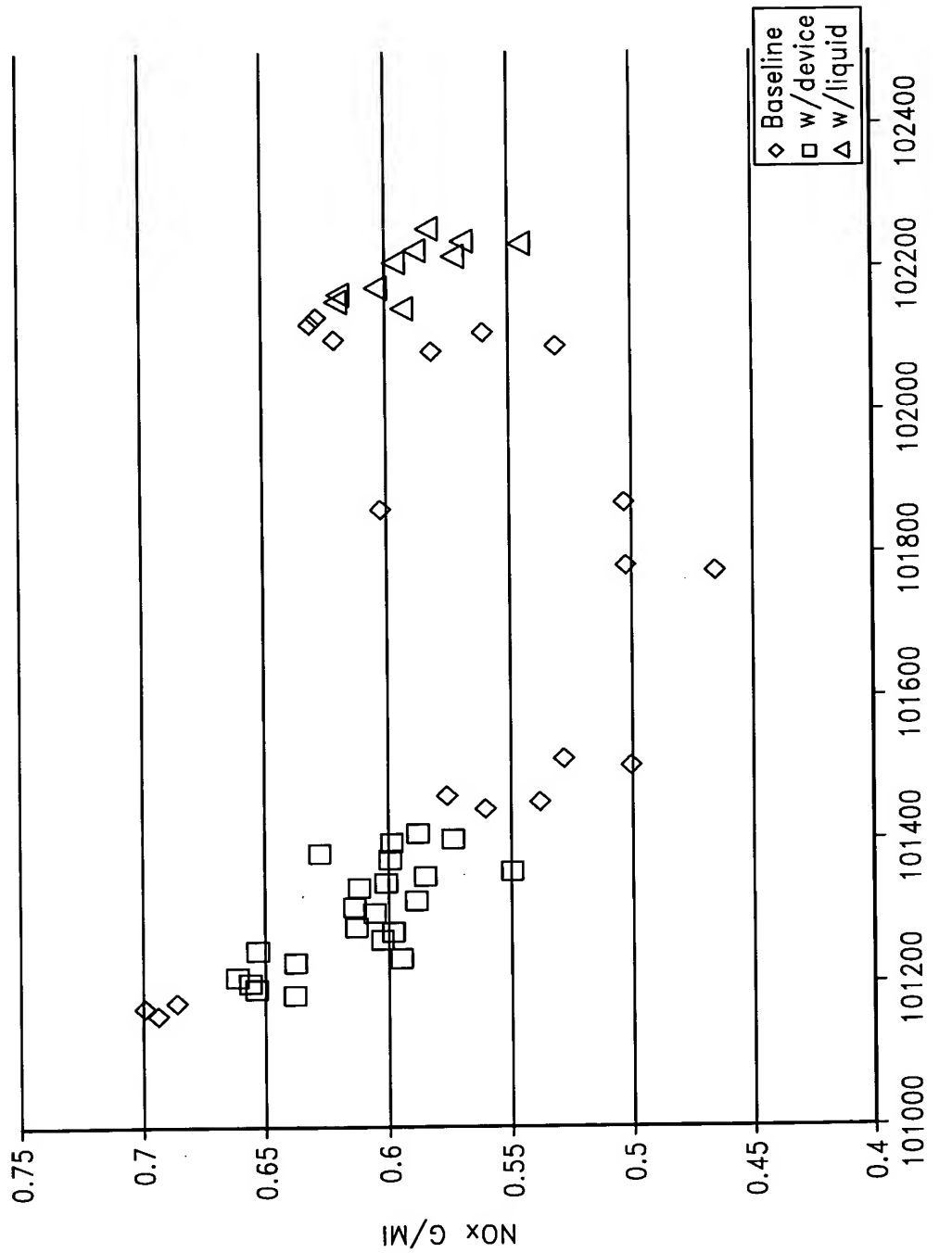


FIG. 10

20020904.0054+8005

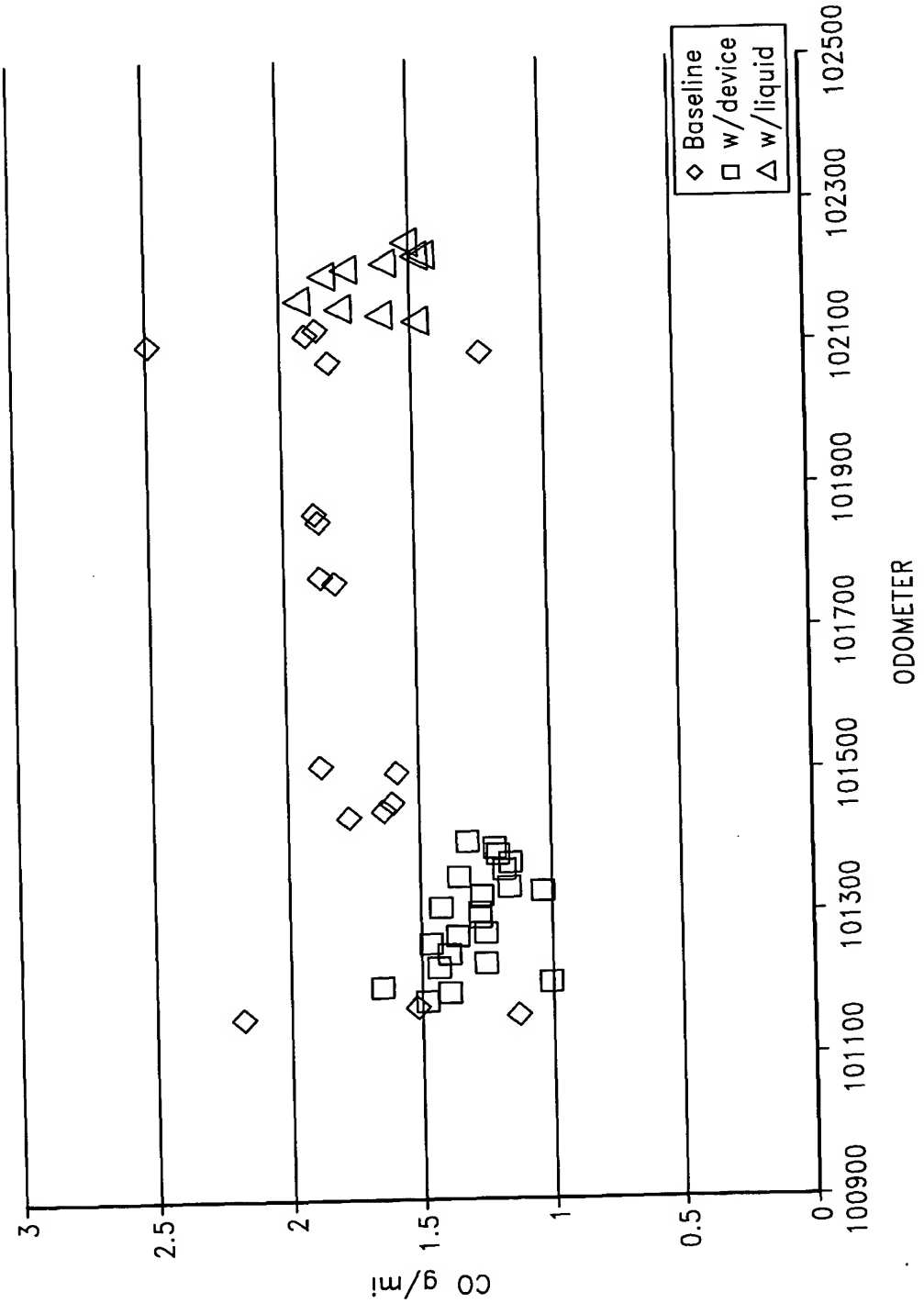


FIG. 11

20020704.T0541.0001

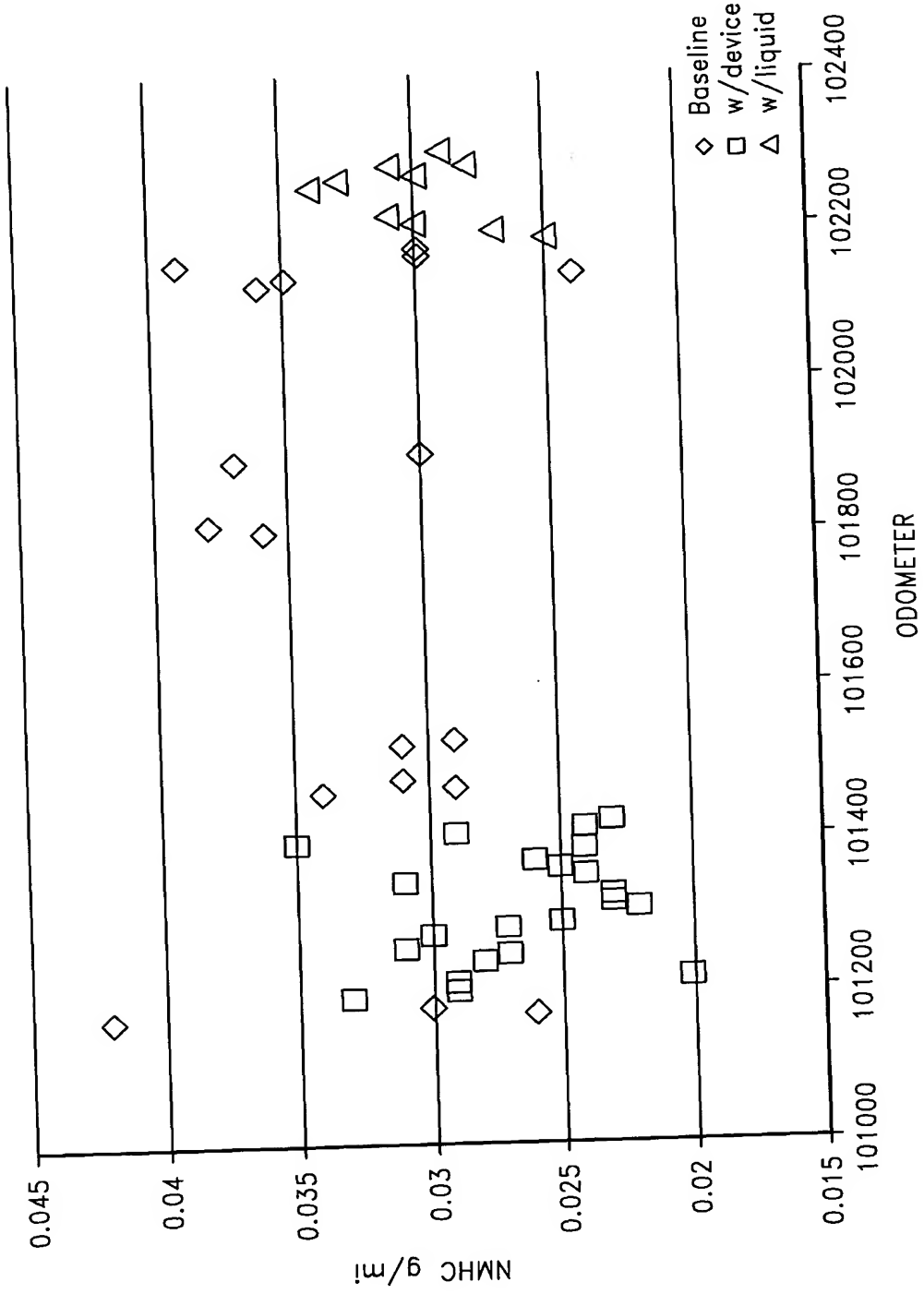


FIG. 12

20020150 "T0504800T

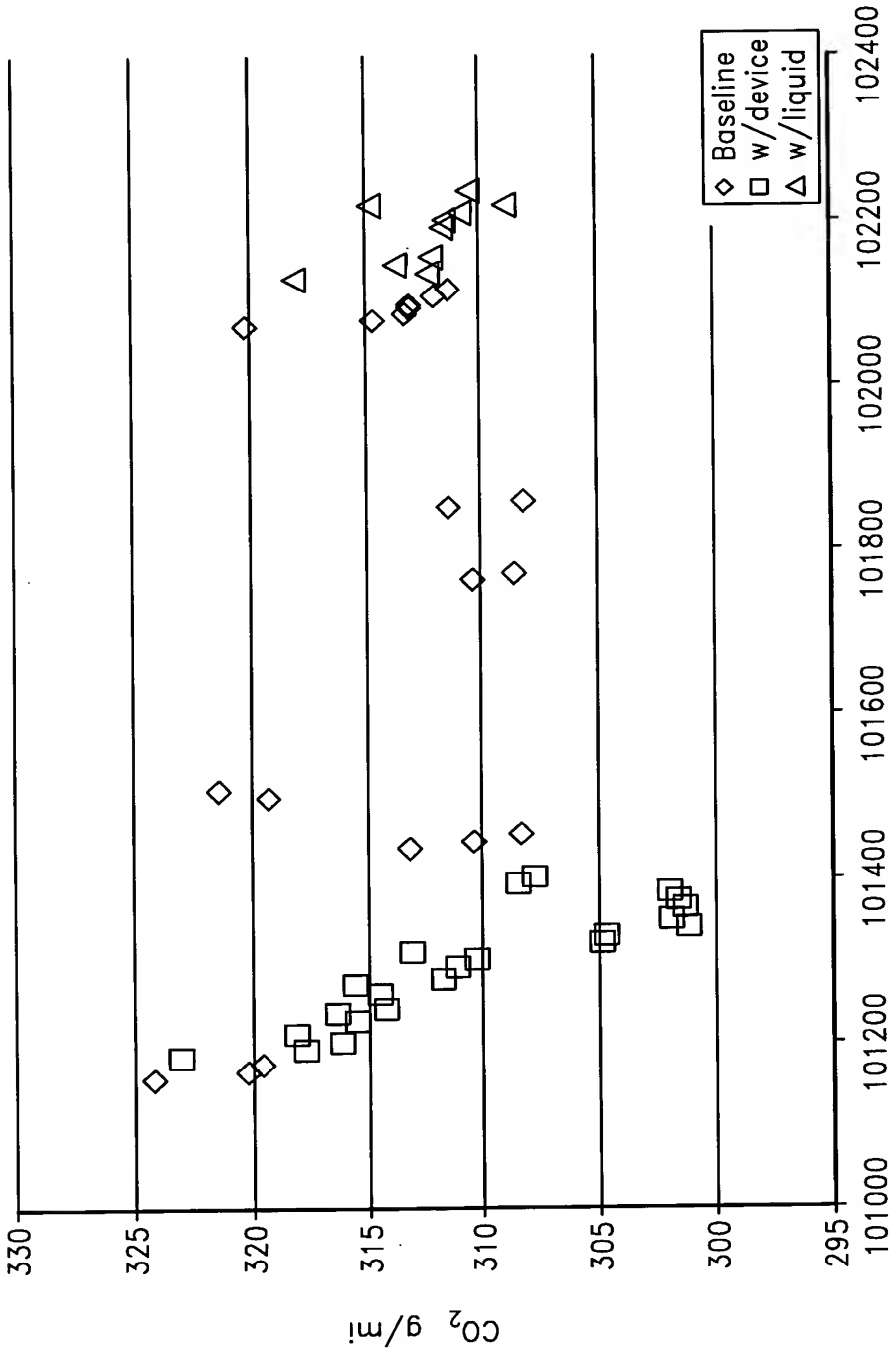

Baseline
w/device
w/liquid
330
325
320
315
310
305
300
295
CO_2 g/mi
101000
101200
101400
101600
101800
102000
102200
102400
ODOMETER

FIG. 13

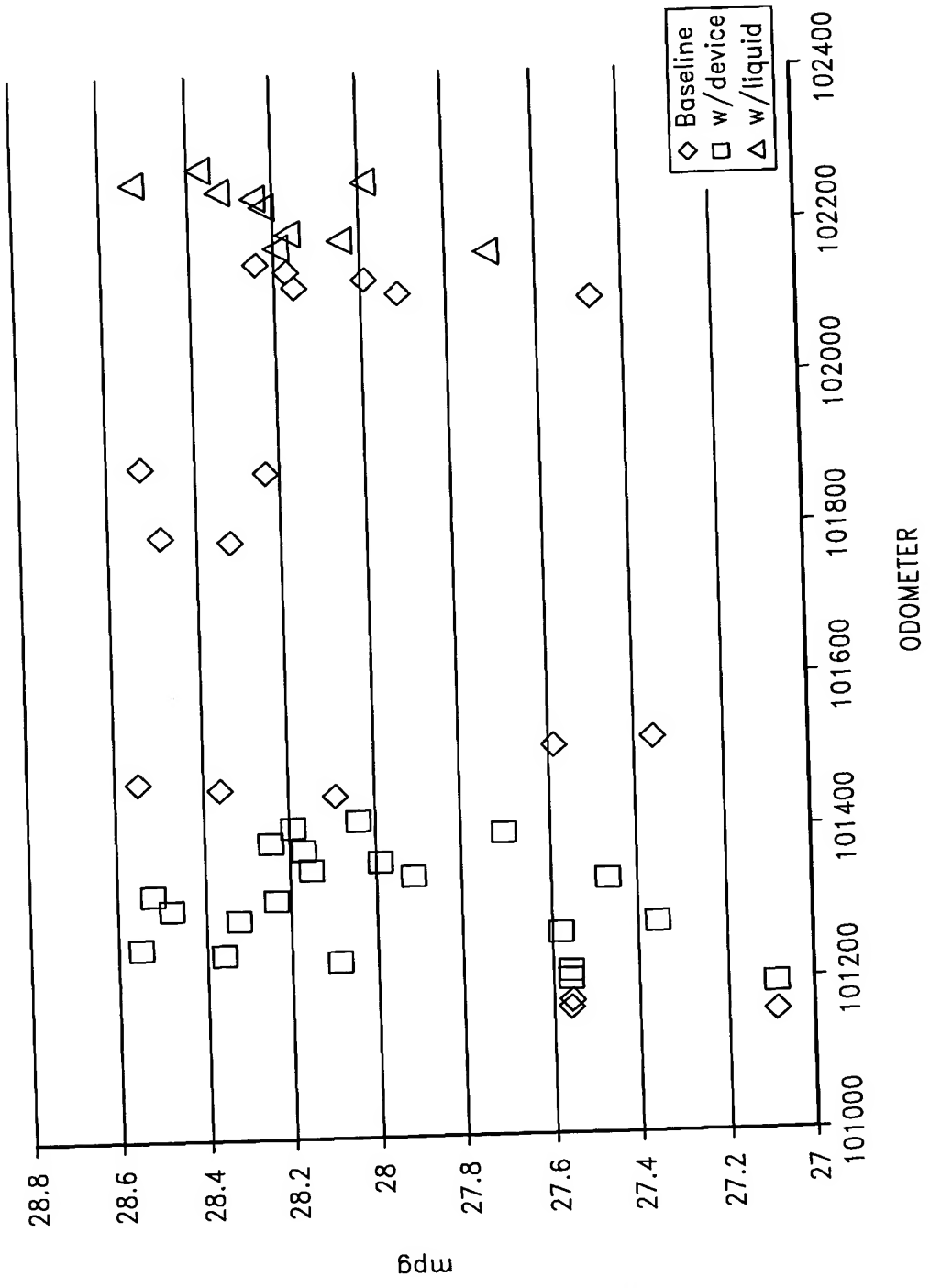


FIG. 14

2003175901 "20040068001

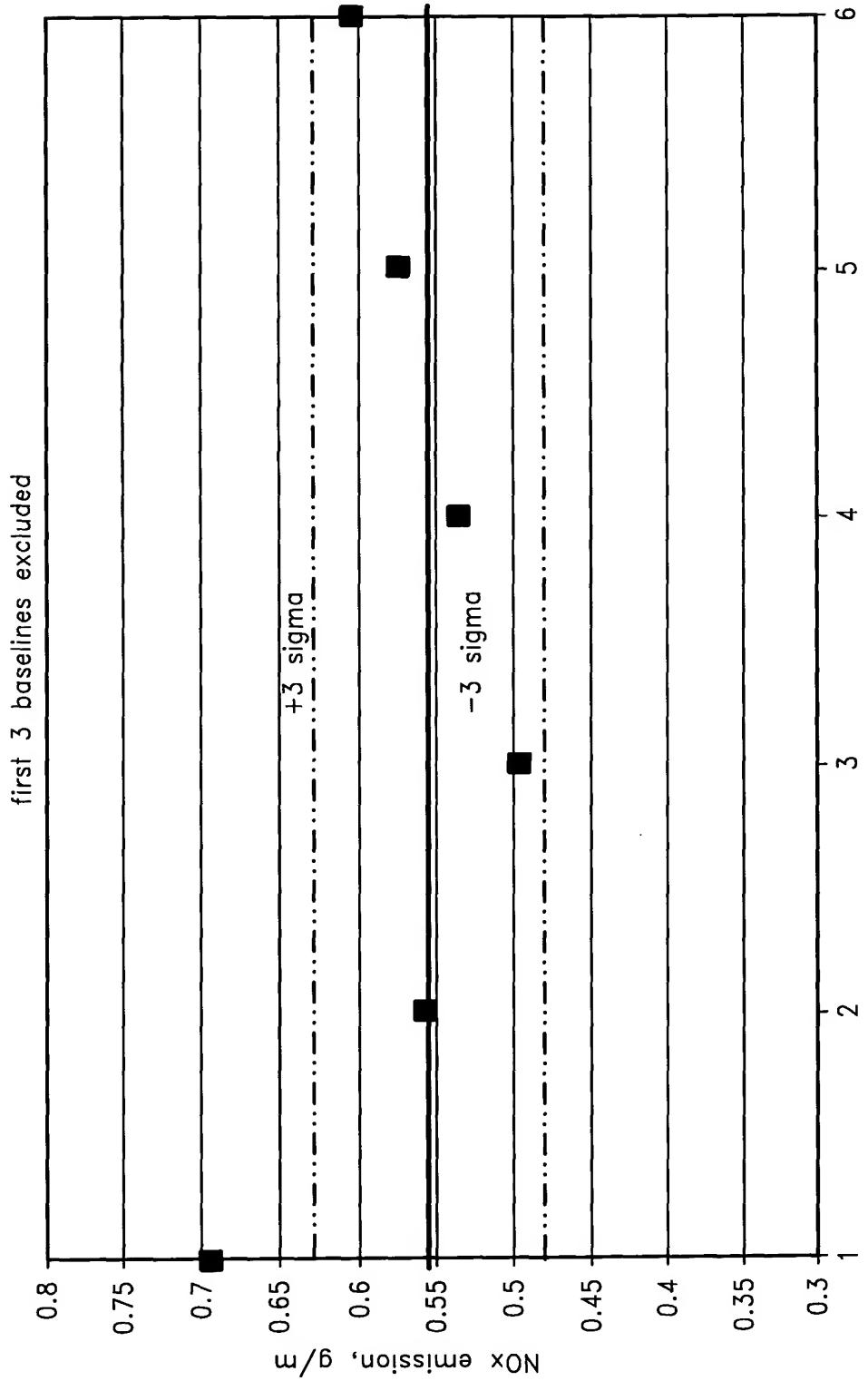

first 3 baselines excluded
+3 sigma
-3 sigma
NOx emission, g/m
SET
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
1
2
3
4
5
6

FIG. 15

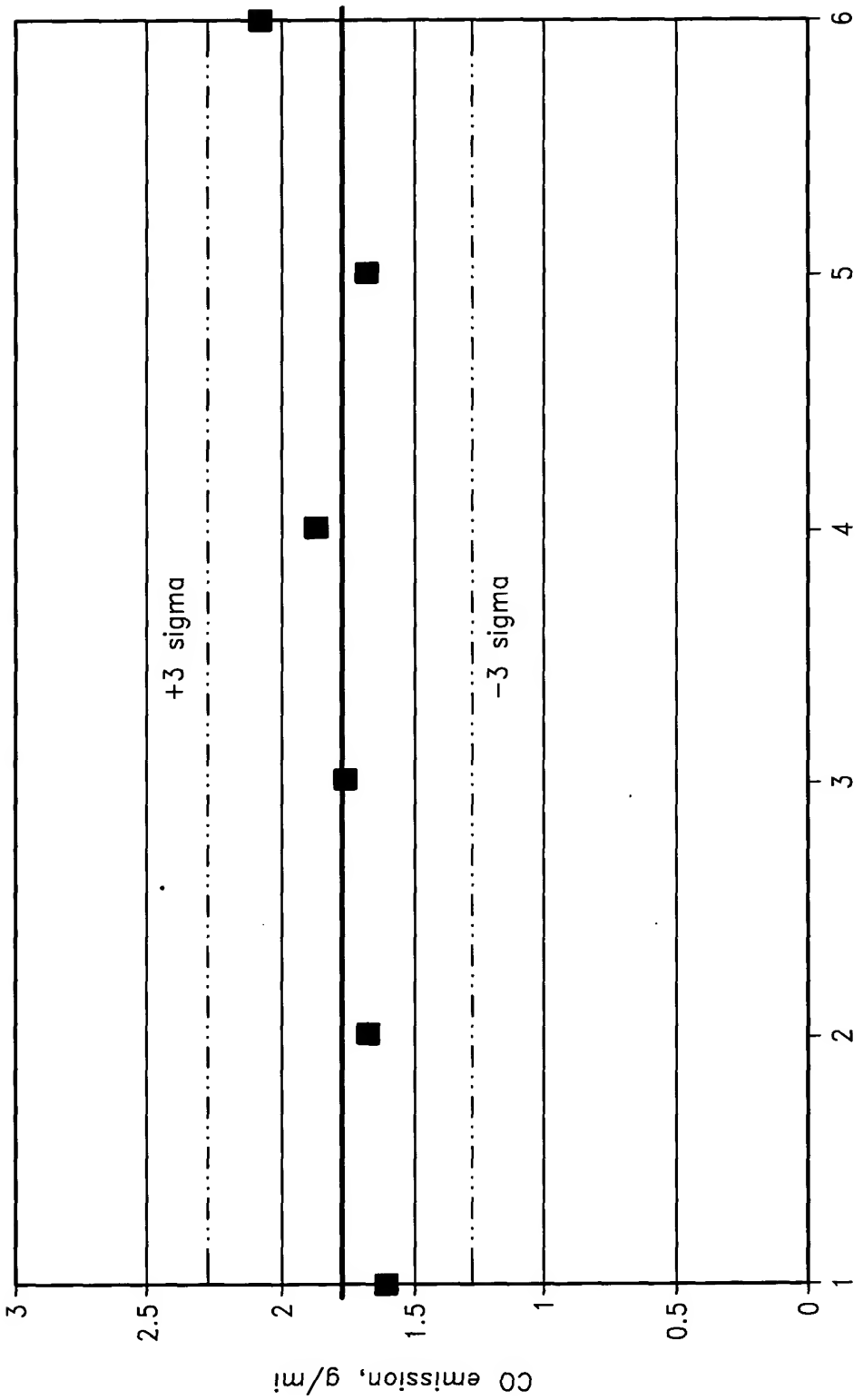


FIG. 16

20050104.0948.pgt

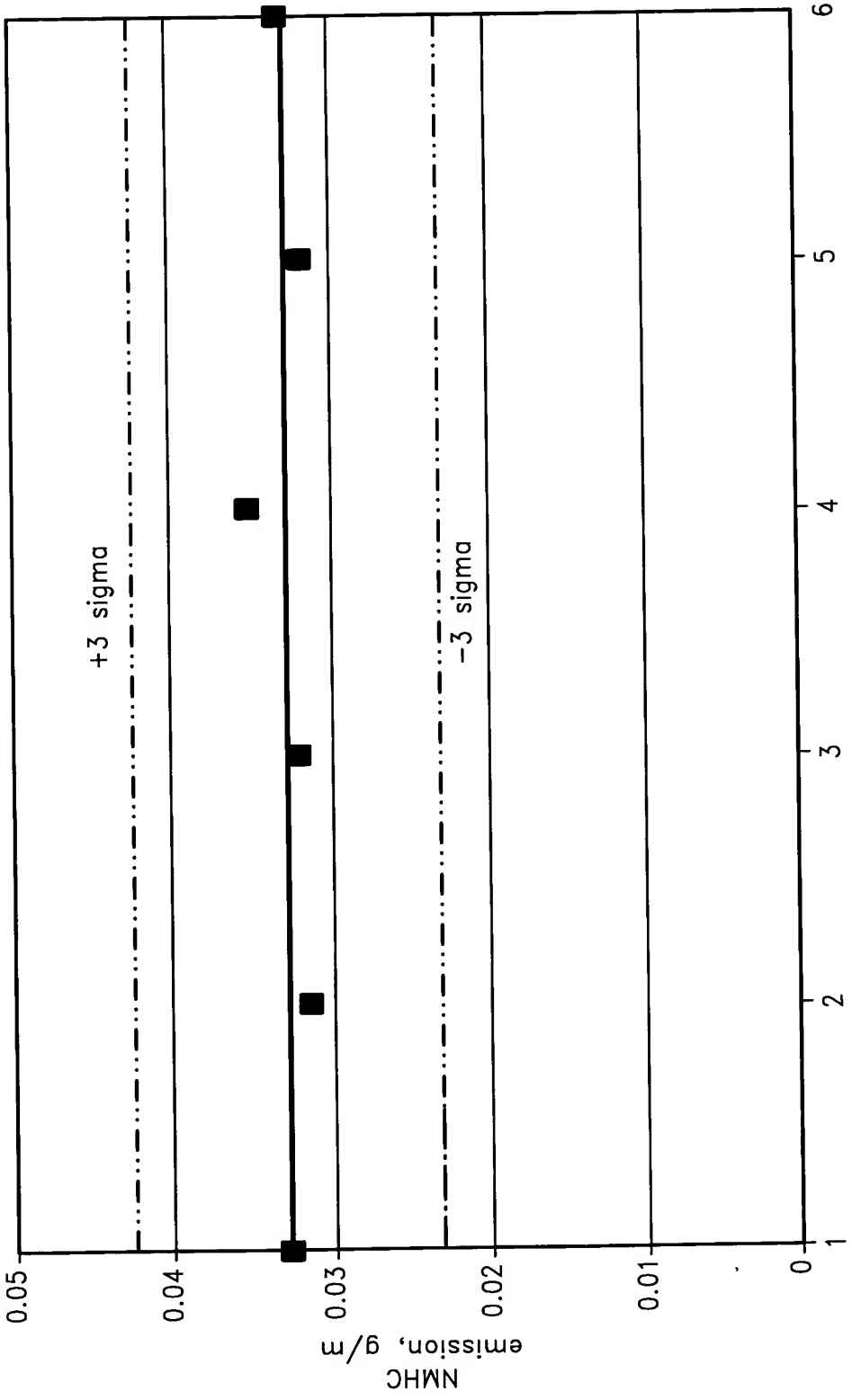


FIG. 17

Declaration - 05.08.02

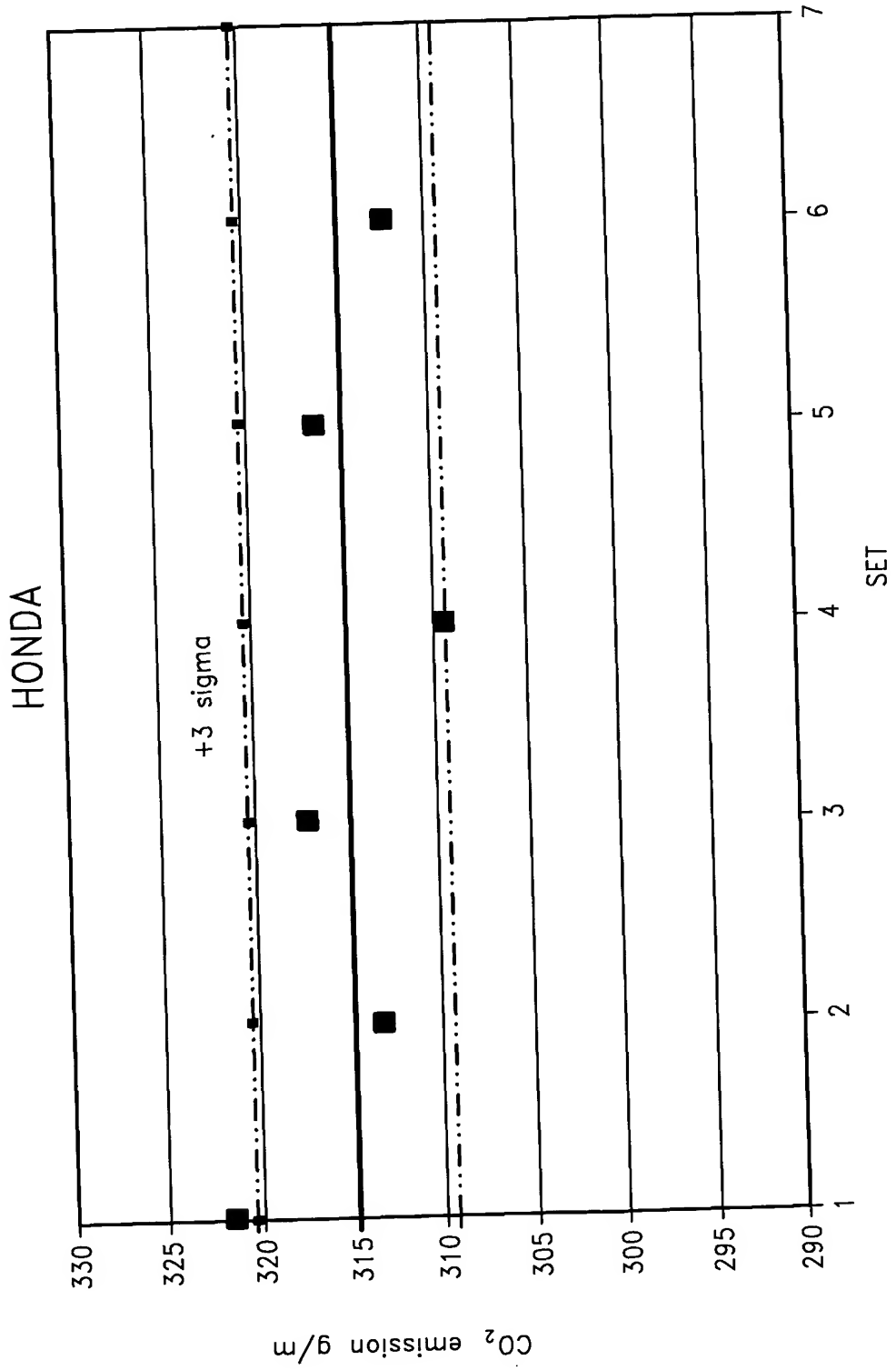


FIG. 18

20150 "Toshaoot

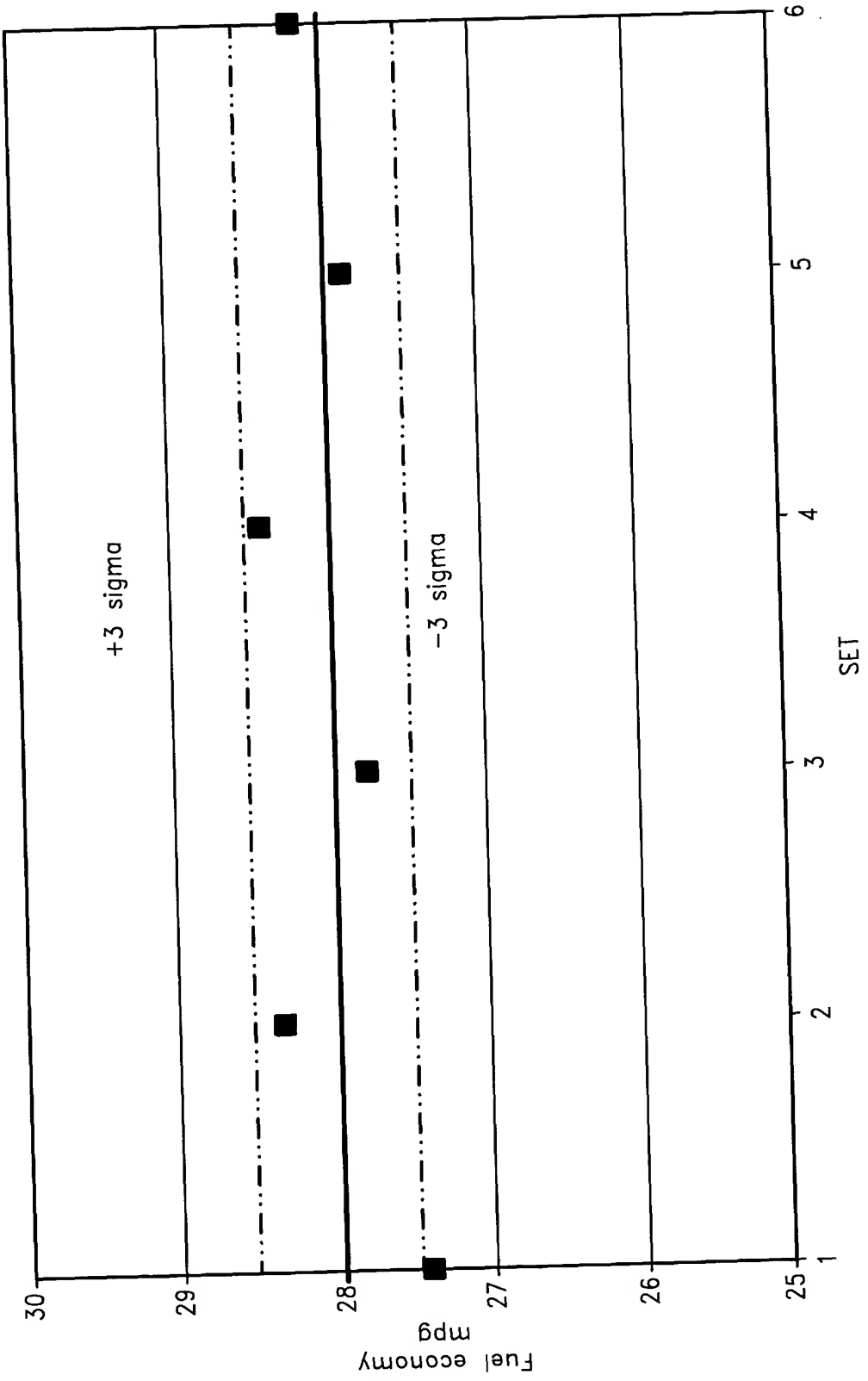


FIG. 19

20030904.T0948001

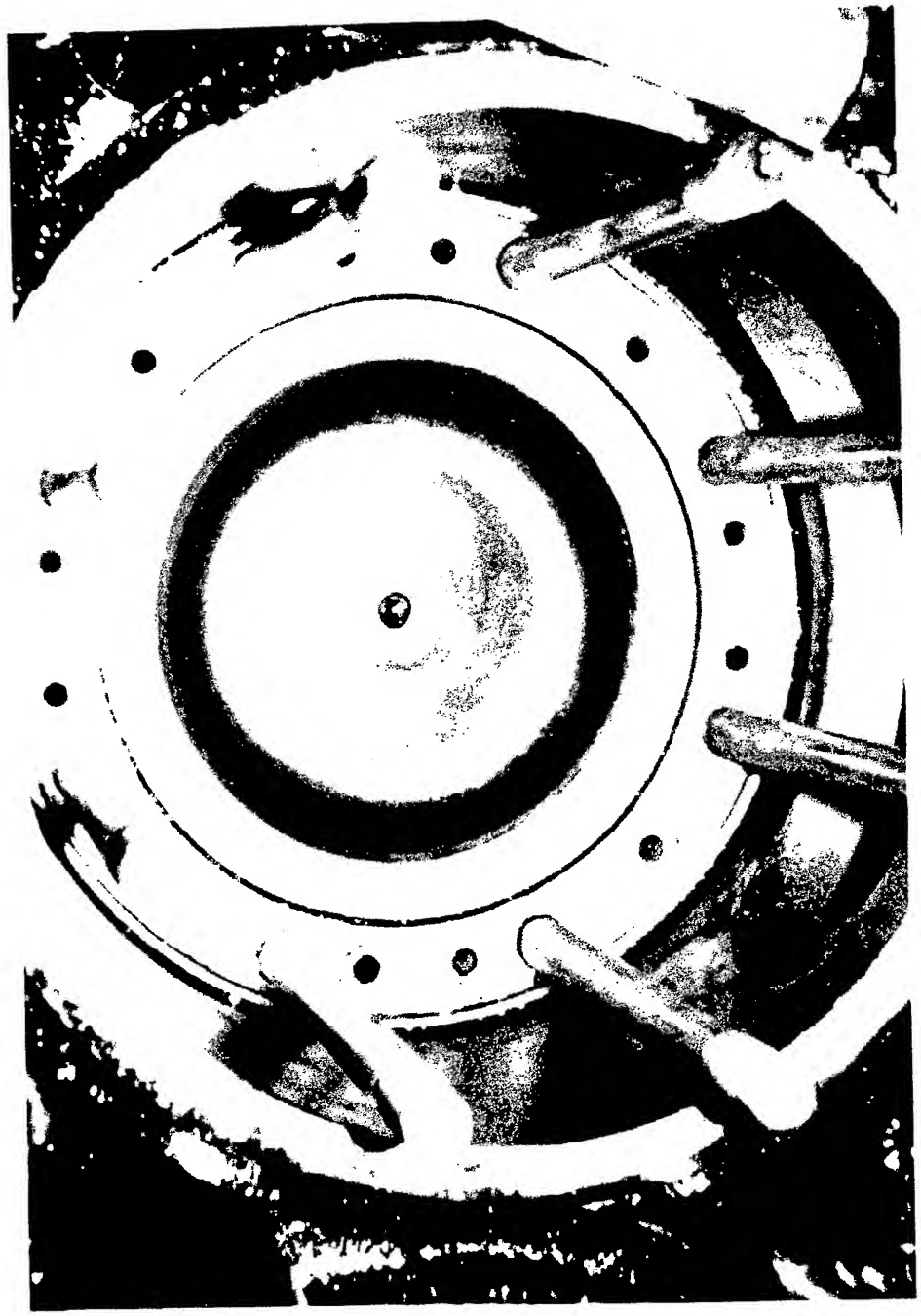


FIG. 20

BEST AVAILABLE COPY

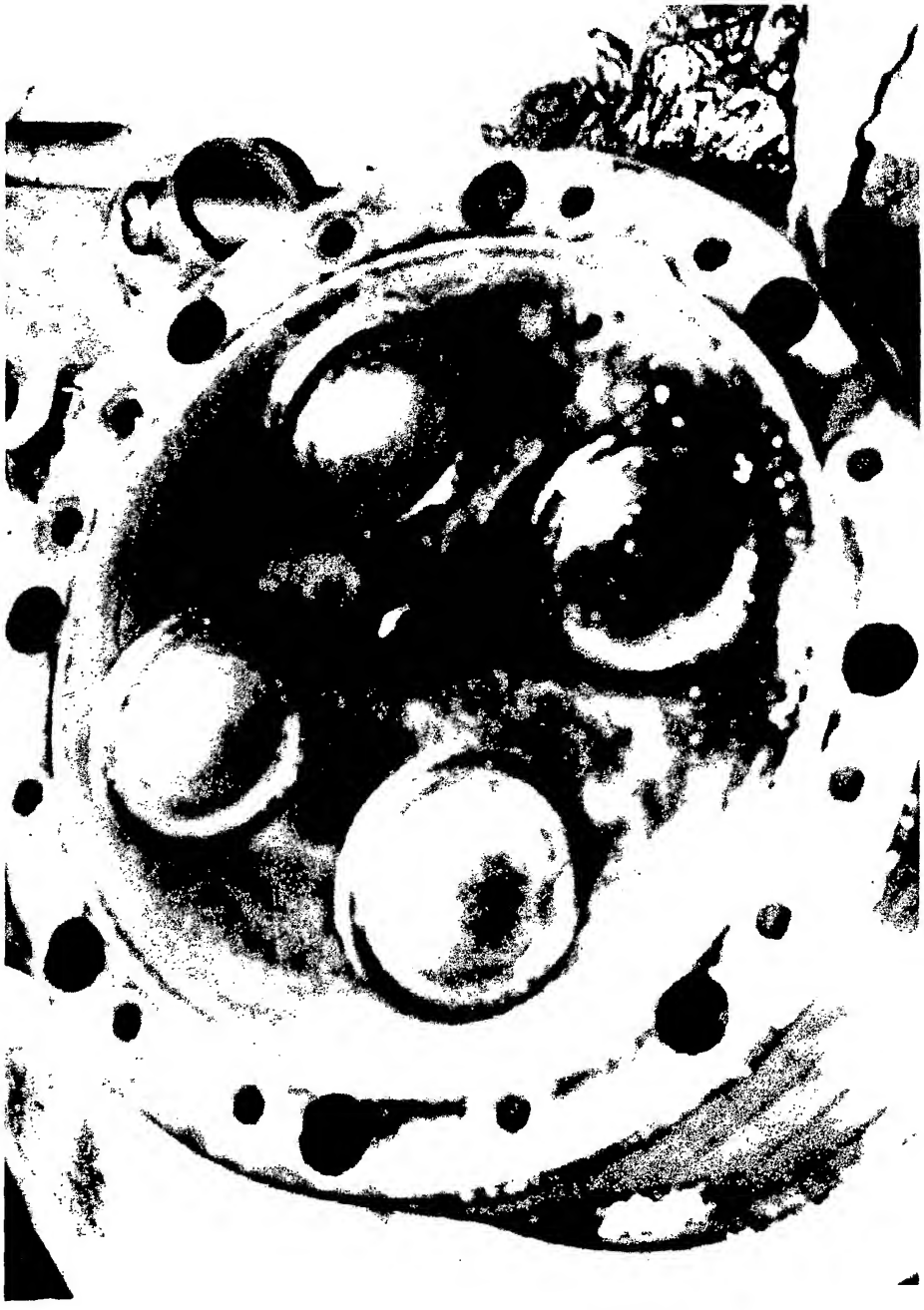


FIG. 21

BEST AVAILABLE COPY

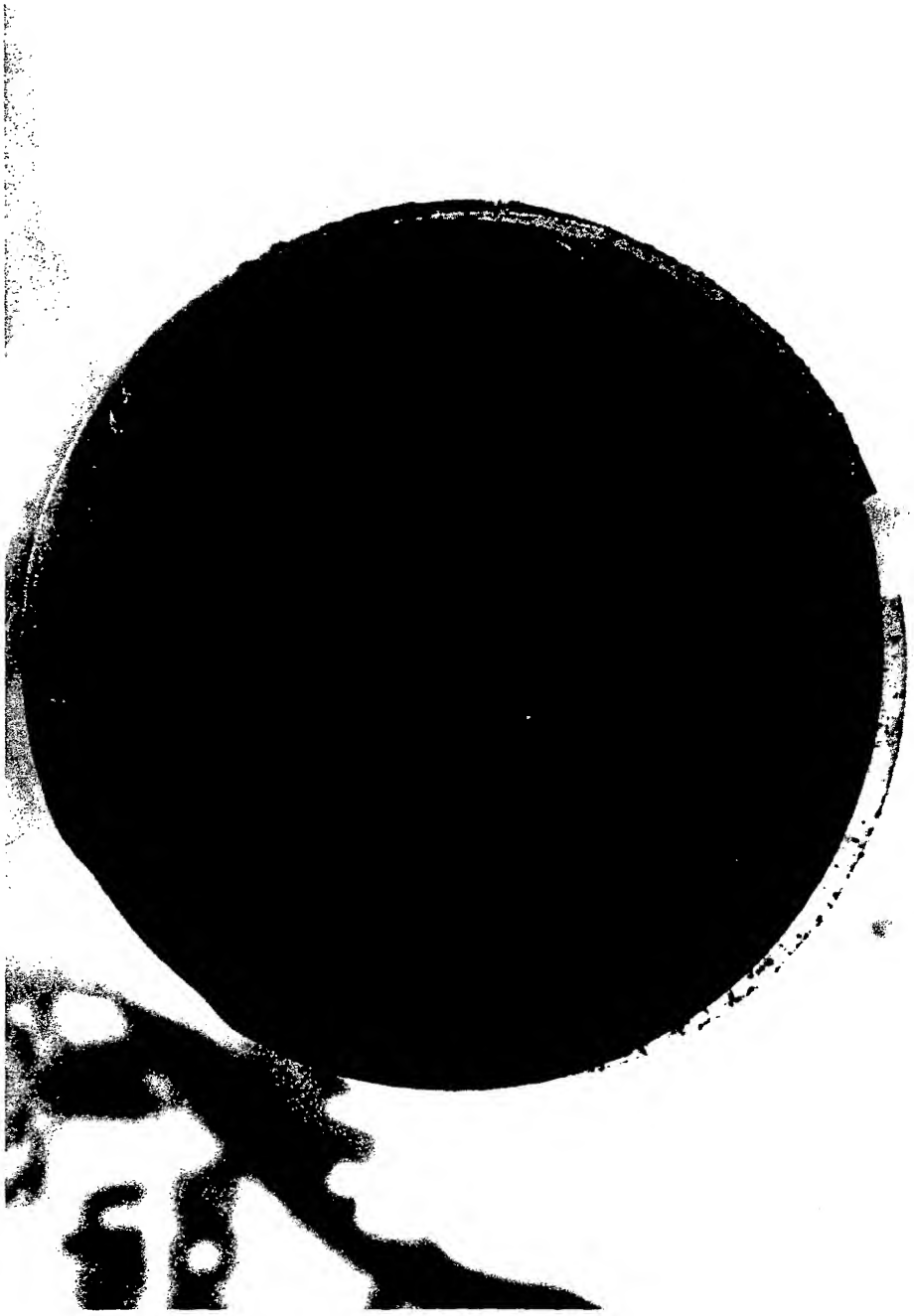
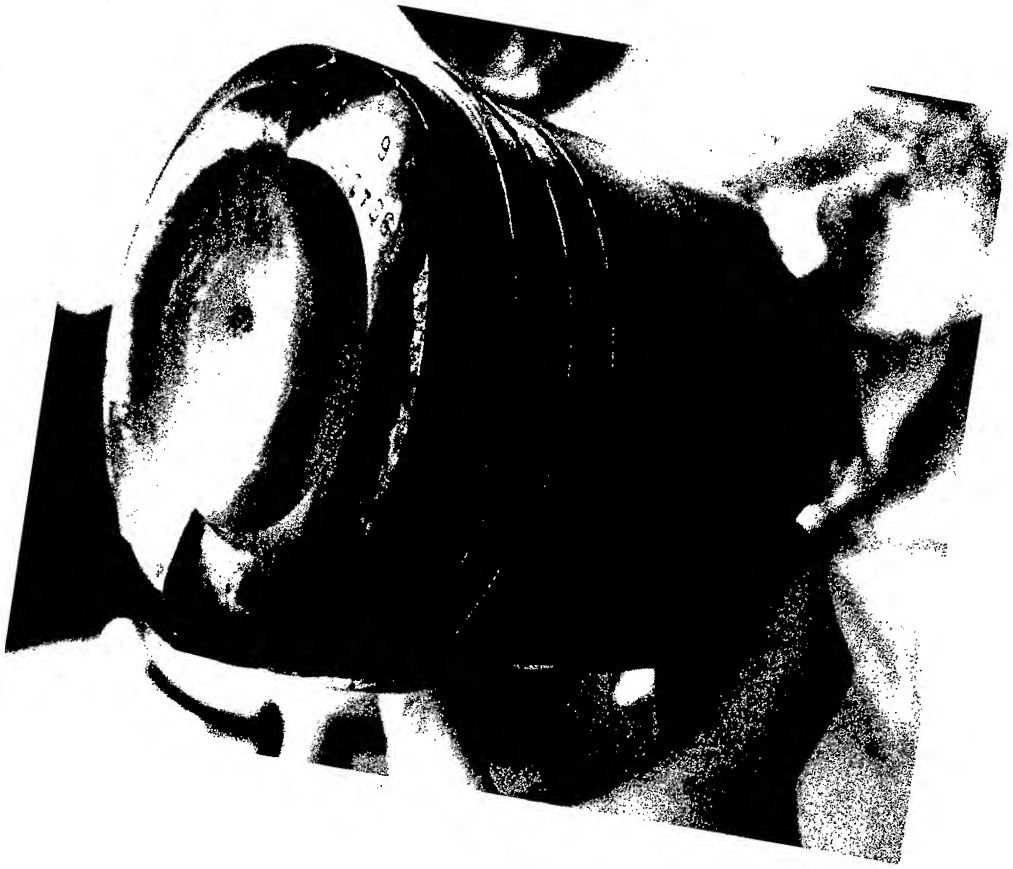


FIG. 22

BEST AVAILABLE COPY

FIG. 23



7008450 "05 1302

BEST AVAILABLE COPY